NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NOTE: Read instructions before completing this form.

NAME Union Oil Company of California ADDRESS Attn: John Zager P.O. Box 196247 Anchorage, AK 99519-6247 Trading Bay Production Facility FACILITY LOCATION Cook Inlet, Alaska

(2-16) AKG-31-5002 PERMIT NUMBER

(17-19) 015 DISCHARGE NUMBER

MONITORING PERIOD DAY DAY YEAR МО YEAR МО 08 02 01 08 02 29 TÓ (20-21) (22-23) (24-25) (30-31) (26-27) (28-29)

					(20-21) (22-23)	(24-25)	(26-27) (28-29)	(30-31)		TE: Read instructions	nelote col		
PARAMETER		(3 Card Only)	QUANTITY OR L	.OADING	(4 Card Only)	QUALITY OR CONCENT	RATION		NO.	FREQUENCY	SAMPLE		Ξ
(32-37)		(46-53) (54-61)			(38-45) (46-53)		(54-61)		EX	EX OF ANALYSIS		TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)		(69-70)	
015	SAMPLE												
Produced Water	MEASUREMENT	3.600166	4.190634	MGD				i		Weekly		Estimat	ie
Flow Rate *	PERMIT												
	REQUIREMENT	Report	Report	MGD						Weekly		<u>Estimat</u>	.e
015	SAMPLE							[
Produced Water	MEASUREMENT			<u> </u>			No Discharge	.=					
Produced Sand	PERMIT			İ							1		
	REQUIREMENT			<u> </u>			No Discharge						
015	SAMPLE	ļ			Ì								
Produced Water	MEASURÉMENT]	7		8	su		4 / Month		Grab	
pH**	PERMIT		1	1									
Flow Rate >1 mgd	REQUIREMENT		11	and the second	6		9	SU		Weekly		Grab	
015	SAMPLE												
Produced Water	MEASUREMENT			L		15	16	mg/l	.	Weekly	Gr	ab Aver	age
Oil and Grease***	PERMIT	1 11		A 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					-			•	
	REQUIREMENT					29	42	mg/l	1	Weekly	Gr	ab Avera	age
015	SAMPLE									*			
Produced Water	MEASUREMENT					2.7	2.7	μg/l		Monthly		Grab	
Copper	PERMIT			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100								
	REQUIREMENT			7 (4)		47.0	117	µg/l		Monthly		Grab	
015	SAMPLE												
Produced Water	MEASUREMENT					2	2	mg/l	1	Monthly		Grab	
Manganese	PERMIT							_			 		
	REQUIREMENT					25	50	ma/l		Monthly		Grab	
015	SAMPLE								wonany				
Produced Water	MEASUREMENT		1			0.2	0.2	ug/l	1	Monthly	Grab		
Mercury	PERMIT								.				
	REQUIREMENT					0.6	1.0	на/І		Monthly		Grab	
015	SAMPLE												
Produced Water	MEASUREMENT					1	1	ug/l	1	Monthly	Grab		
Silver	PERMIT									*			
	REQUIREMENT]			23	47	ug/J		Monthly	1	Grab	
015	SAMPLE				·						1		
Produced Water	MEASUREMENT					0.01	0.01	mg/l		Monthly		Grab	
Zinc	PERMIT												
	REQUIREMENT					0.9	1.9	ma/l	ŀ	Monthly		Grab	
		l certify under pena	ity of law that this d	ocument and	all attachments were prepare		<u> </u>	·		TELEPHONE	1	DATE	
					tem designed to assure that) A A C						
John Zager					on submitted. Based on my		DOY			(907) 276-7600	08	03	20
General M	•				ose persons directly respon-		Dale A. H	aines	1	() = . 0 . 0 0 0			1
Mid Continent/Alask					is, to the best of my knowled		SIGNATU			ł	1		—
					are significant penalties for s		PRINCIPAL EXECL		P	AREA NUMBER	YEAR	мо	ĎΑ
TYPED OR PRIN			•		are significant penalties for s imprisonment for knowing vi	•	OR AUTHORIZ			CODE	1,50	IVIO	1
			all attachments here		mbusoumers or snowing at	JILLIUM IO.	UK AUTHORIZ	ED AGENT		0000			

See Trading Bay Production Facility Page 3 of 3 for comments.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NOTE: Read instructions before completing this form.

NAME Union Oil Company of California

ADDRESS Attn: John Zager
P.O. Box 196247
Anchorage, AK 99519-6247

FACILITY Trading Bay Production Facility
LOCATION Cook Inlet, Alaska

(2-16) (17-19)

AKG-31-5002 015

PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

YEAR МО DAY DAY YEAR МО 08 02 01 02 29 TO 08 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

PARAMETER		(3 Card Only)	QUANTITY OR L	OADING	(4 Card Only)	QUALITY OR CONCENT			NO.		QUENCY		SAMPLE	
(32-37)		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)	T	EX		NALYSIS		TYPE	
	2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAĜE	MAXIMUM	UNITS	(62-63)		4-68)	ļ	(69-70)	
015	SAMPLE			ŀ		40	40	0	1			1	0	
Produced Water	MEASUREMENT					10	10	mg/L		Me	onthly		Grab	
TAH	PERMIT	1												
	REQUIREMENT					18	27	mg/L	1 1	Mo	onthly		Grab	
015	SAMPLE						1	[
Produced Water	MEASUREMENT				1	10	10	mg/l		Mo	onthly		Grab	
TAqH	PERMIT]]			Ì		
	REQUIREMENT					Report	Report	mg/L		Mo	onthly	<u> </u>	Grab	
015	SAMPLE							ł						
Produced Water	MEASUREMENT					No Sample	No Sample	mg/l		Qu:	arterly	ļ	Grab	
Total Ammonia	PERMIT													
	REQUIREMENT	L		1	₩ilan kan alamatan	Report	Report	mg/l	1 1	Qua	arterly		Grab	
015	SAMPLE			Ī				į						
Produced Water	MEASUREMENT					No Sample	No Sample	TUC		An	nually		Grab	
Whole Effluent Toxicity	PERMIT	· .				• • • • • • • • • • • • • • • • • • •								
Mytilis sp.*	REQUIREMENT	1	1 .			283	568	TUC	i !	And	nually		Grab	
015	SAMPLE									· · · · · · · · · · · · · · · · · · ·	iddily	+	0.00	
Produced Water	MEASUREMENT				[No Sample	No Sample	TUC		Δn	nually	i	Grab	
Whole Effluent Toxicity	PERMIT	f			1000	110 Cample	no cample	100			iually	1	Glab	
Dendraster excentrious	REQUIREMENT		1 1	,		283	283	TUC.		Δn·	nually		Grab	
015	SAMPLE		 			200	Z03	100		Au	iuairy		Grab	
Produced Water	MEASUREMENT				i .	No Comula	No Commite	TUC	}	0			Δ	
Whole Effluent Toxicity			 			No Sample	No Sample	٥		Ani	nually	<u> </u>	Grab	
Menidia beryllina	PERMIT					283	000	7110			47			
vieriidia beryuma	REQUIREMENT					283	283	TUC		Anr	ıualiy		Grab	
								· · · · · · · · · · · · · · · · · · ·						
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IAME/TITLE PRINCIPAL EXE			-		all attachments were prepare		DN			TELE	PHONE	 	DATE	г
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John Zag			-		ion submitted. Based on my	' '			1	(907) 2	76-7600	08	03	20
General Manager			-	-	nose persons directly respons		Dale A. H							<u> </u>
Mid Continent/Alaska					is, to the best of my knowledg		SIGNATUR	RE OF	1		İ			
		true, accurate, and	complete. I am awa	are that there	are significant penalties for s	ubmitting	PRINCIPAL EXECU	ITIVE OFFICE	R.	AREA	NUMBER	YEAR	MO	DA
					imprisonment for knowing vid		OR AUTHORIZ			CODE	I	1		1

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California			
ADDRESS	Attn: John Zager		
	P.O. Box 196247		
	Anchorage, AK 99519-6247		
FACILITY	Trading Bay Production Facility		
LOCATION Cook Inlet, Alaska			

(2-16)	(17-19)
AKG-31-5002	015
PERMIT NUMBER	DISCHARGE NUMBER
MON	ITORING PERIOD

YEAR MO DAY YEAR MO DAY 08 02 01 02 29 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

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COMMENTS PAGE 3 OF 3

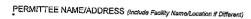
* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms. Estimated workover fluid flow rate: 0.054810

** Frequency of pH measurement has been increased to more closely monitor water quality.

*** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under		TELE	PHONE	i	DATE	
	my direction or supervision in accordance with a system designed to assure that qualified	Dal	į		í ,		
John Zager	personnel properly gather and evaluate the information submitted. Based on my inquiry of	2-11	(907) 2	76-7600	08	03	20
General Manager	the person or persons who manage the system, or those persons directly responsible for	Dale A. Haines					
Mid Continent/Alaska Business Unit	gathering the information, the information submitted is, to the best of my knowledge and belief,	SIGNATURE OF					
	true, accurate, and complete. I am aware that there are significant penalties for submitting	PRINCIPAL EXECUTIVE OFFICER	AREA	NUMBER	YEAR	MO	DA
TYPED OR PRINTED	false information, including the possibility of fine and imprisonment for knowing violations.	OR AUTHORIZED AGENT	CODE				

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT(DMR)

OMB No. 2040-0004

NAME	Union Oil Company of California	
ADDRESS	Attn: John Zager	-
	P.O. Box 196247	_
	Anchorage, AK 99519-6247	_
FACILITY	Trading Bay Production Facility	-
LOCATION	Cook Inlet, Alaska	-

(2-16) AKG-31-5002 015 PERMIT NUMBER DISCHARGE NUMBER MONITORING PERIOD YEAR MO DAY MO DAY 08 02 01 TO 08 02 29

(26-27)

(28-29)

(30-31)

REVISED 8/20/2008

NOTE: Read instructions before completing this form.

(22-23) **COMMENTS PAGE 3 OF 3**

(24-25)

8/20/08 Revision: Estimated well treatment fluid flow rate was not reported.

- * Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms. Estimated workover fluid flow rate: 0.05481 MGD Estimated well treatment fluid flow rate: 0.011004 MGD
- ** Frequency of pH measurement has been increased to more closely monitor water quality.
- *** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

(20-21)

	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified	- 0:	TELE	PHONE		DATE	~
General Manager	personnel properly gather and evaluate the information submitted. Based on my inquiry of	Dale A. Haines	(907) 2	907) 276-7600		08	20
	false information, including the approximation of the second state	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	МО	DA

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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COPY

COMMENTS PAGE 3 OF 3

- * Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms. Estimated workover fluid flow rate: 0.054810
- ** Frequency of pH measurement has been increased to more closely monitor water quality.
- *** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were prepared under TELEPHONE DATE my direction or supervision in accordance with a system designed to assure that qualified DOI John Zager personnel properly gather and evaluate the information submitted. Based on my inquiry of (907) 276-7600 08 03 20 General Manager the person or persons who manage the system, or those persons directly responsible for Dale A. Haines Mid Continent/Alaska Business Unit gathering the information, the information submitted is, to the best of my knowledge and belief, SIGNATURE OF true, accurate, and complete. I am aware that there are significant penalties for submitting PRINCIPAL EXECUTIVE OFFICER AREA NUMBER YEAR MO DΑ TYPED OR PRINTED false information, including the possibility of fine and imprisonment for knowing violations. OR AUTHORIZED AGENT CODE COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)